Message Text

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FM AMEMBASSY BRASILIA TO SECSTATE WASHDC PRIORITY 7995 INFO USDOE WASHDC AMCONSUL RIO DE JANEIRO

UNCLAS BRASILIA 4918

FOR OES

E.O. 11652: N/A

TAGS: ENRG, TECH, BR

SUBJECT: VISIT OF DR. CARLOS CAMPOS OF ELETROBRAS TO US

1. DR. CARLOS DO CARMO CAMPOS, ADVISOR TO HEAD OF DIRECTORATE FOR COORDINATION, IS BEING SENT BY ELETROBRAS FOR TWO-WEEKS EXPLORATORY AND ORIENGTATION VISIT TO US. COORDENATION DIRECTORATE HAS BEEN SPONSORING AUTONOMOUS R&D (INCLUDING CONFERENCES), LOOSELY COORDENATED BY INTER-MINISTERIAL COMMITTEE OF PROJECT IPIRANGA, IN FIELD OF ALTERNATE MEANS OF ELECTRICAL ENERGY GENERATION OR FUELS FOR ELECTRICITY GENERATION (EG - WIND ENERGY, DIRECT SOLAR ENERGY, BIOMASS, OTEC AND ENERGY STORAGE) AT LEVEL OF ABOUT 7 MILLION DOLLARS PER YEAR, FROM SMALL PERCENTAGE OF THIS GOVERNMENT COMPANY'S PROFITS, WHICH DR. CAMPOS PERSONALLY MANAGES. PROGRAM IS ORIENTED TOWARD REGIONAL NEEDS (THROUGH ELETROBRAS REGIONAL SUBSIDIARIES) AND FUNDS PROJECTS AT UNIVERSITIES AND RESEARCH INSTITUTES, AS ELETROBRAS DOES NOT HAVE APPROPRIATE IN-HOUSE RESEARCH CAPABILITY. (FYI: ARNALDO BARBALHO, FORMERLY SECRETARY-GENERAL OF MINISTRY OF MINES AND ENERGY, IS NOW PRESIDENT OF ELETROBRAS. END FYI).

2. OVERALL SCHEDULE FOR VISIT IS JULY 9 ARRIVAL, IN UNCLASSIFIED

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WASHINGTON AND JULY 22 DEPARTURE FOR GERMANY. (EMBASSY REGRETS LATE NOTICE OF VISIT BUT WAS ITSELF JUST ADVISED OF PLANS.) PROPOSED PROGRAM, AS DEVELOPED BY CAMPOS WITH ASSISTANCE OF PROF. ALDO VIEIRA DA ROSA (WHO DIVIDES HIS TIME BETWEEN UNICAMP/CODETEC AND STANFORD UNIV.), FOLLOWS:

JULY 10-14: DISCUSSIONS IN WASHINGTON AREA. THIS SHOULD INCLUDE DOE, NSF/ASRA, NAS, EPRI, POSSIBLY STATE/OES, AND OTHER USG AGENCIES OR PRIVATE GROUPS WORKING ON NON-CONVENTIIONAL ELECTRICAL ENERGY SOURCES. ON ONE DAY CAMPOS WILL VISIT DR. MALCOLN D. FRASER OF INTER-TECHNOLOGY CORPORATION IN WARRENTON, VA, TO DISCUSS PHOTOSYNTHESIS ENERGY FACTORY CONCEPT.

JULY 17: VISIT TO DR. B.C. WOLVERTON OF NATIONAL SPACE TECHNOLOGY LABORATORIES (BAY ST LOUIS, MISS) TO DISCUSS WATER HYACINTH PROJECT.

JULY 18. VISIT TO ELECTRICAL ENGINEERING DEPT (PROF. ANDERSON?) OF OKLAHOMA STATE UNIV. TO DISCUSS ITS SRI LANKA PROJECT ON INTEGRATED VILLAGE ENERGY APPROACH.

JULY 19-20: VISIT TO DR. A.D. BALBRAITH OF LOCKHEED,
PALO ALTO, TO DISCUSS LITHIUM BATTERIES AND OTEC AND TO
DR. J.R. GOSS OF UNIV. OF CALIFORNIA, DAVIS, DEPT OF AG
ENG TO DISCUSS PRODUCTION OF LOW BTU GAS FROM AGRICULTURAL
RESIDUES. (POSSIBLY EPRI MAY WANT CAMPOS TO VISIT
ITS PALO ALTO OFFICES ALSO.)

3. ELETROBRAS REQUESTS DEPARTMENT ASSISTANCE IN FACILITATING AND VERIFYING THIS PROGRAM FOR CAMPOS AND EMBASSY URGES THAT WE TRY TO HELP WITH WASHINGTON APPOINTMENTS UNCLASSIFIED

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AND PHONE CONTACTS IN REST OF US. (COMMENT. WE BELIEVE THAT IT IS NOT LIKELY THAT ELETROBRAS AND OTHER GOB R&D WILL PRODUCE COMMERCIAL TECHNOLOGY BUT ONLY STIMULATE MARKET OPPORTUNITIES IN NON-CONVENTIONAL ENERGY AREA. END COMMENT). REQUEST ADVISE EMBASSY OF ACTIONS TAKEN. SAYRE

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TAGS: ENRG, TECH, BR, US, (CAMPOS, CARLOS)

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